

NARRATIVE

THE PURPOSE OF THIS SURVEY IS TO RESOLVE AND MONUMENT THE BOUNDARY OF THAT TRACT OF LAND ACQUIRED BY THE STATE OF OREGON BY WARRANTY DEED RECORDED APRIL 16, 1959 IN BOOK 253, PAGE 675, UMATILLA COUNTY DEED RECORDS FOR THE OREGON DEPARTMENT OF TRANSPORTATION (ODOT) REGION 5 GEOLOGY SECTION. THIS SURVEY WAS PERFORMED BETWEEN THE MONTHS OF AUGUST AND OCTOBER 2016. THE SURVEY EQUIPMENT CONSISTED OF A LEICA GS14 GPS RECEIVER AND A LEICA SURVEY CONTROLLER.

THE EASTERLY BOUNDARY OF SAID TRACT IS DESCRIBED IN SAID WARRANTY DEED AS FOLLOWING THE WESTERLY LINE OF COUNTY ROAD NO. 731. THE COUNTY ROAD ESTABLISHMENT DOCUMENTS FOR COUNTY ROAD NO. 731 (OLD COUNTY ROAD NO. 42-A) IN THE VICINITY OF THE QUARRY TRACT DESCRIBE THE COUNTY ROAD AS FOLLOWING THE QUARTER SECTION LINE THROUGH SECTION 22, T.4N., R.34E., W.M. AT A WIDTH OF 50.00 FEET. TO ESTABLISH THE LOCATION OF THE CENTER LINE OF COUNTY ROAD NO. 731 AND THE QUARTER SECTION LINE FOR SAID SECTION 22, THE MONUMENT FOUND AT THE NORTH QUARTER CORNER FOR SAID SECTION 22 WAS FOUND AND HELD AS WELL AS THE CENTER OF THE EXISTING BRIDGE JUST SOUTH OF THE QUARRY TRACT ON COUNTY ROAD NO. 731. THIS RESULTING LOCATION FOR SAID COUNTY ROAD CENTER LINE AND SAID QUARTER SECTION LINE FOR SAID SECTION 22 FIT WELL WITH EXISTING LINES OF OCCUPATION AND FIT VERY WELL WITH THE EDGE OF GRAVEL FOR GERKING FLAT ROAD. AT THE INTERSECTION OF THE SOUTH LINE OF SECTION 22 AND THE CENTER LINE OF COUNTY ROAD NO. 731 WE RE-ESTABLISHED THE SOUTH ONE QUARTER CORNER FOR SECTION 22 BY USING GERKING FLAT ROAD, THE EXISTING BRIDGE, AND EXISTING OCCUPATION LINES AS THE BEST REMAINING EVIDENCE OF THE LOCATION OF THE SOUTH ONE QUARTER CORNER FOR SAID SECTION 22.

TWO MONUMENTS WERE FOUND ALONG THE BOUNDARY OF SAID QUARRY TRACT, ONE AT THE NORTHWEST CORNER (POINT 1002) AND ONE AT THE SOUTHEAST CORNER (POINT 1005) OF SAID TRACT, HOWEVER, BOTH WERE BADLY BENT AND NOT CALLED FOR IN ANY RECORD OF SURVEY. THE RECORD SHAPE OF THE QUARRY TRACT WAS RECREATED AS DESCRIBED IN SAID DEED AND ORIENTATED TO ALIGN WITH THE WESTERLY LINE OF COUNTY ROAD NO. 731. THE MONUMENT FOUND AT THE SOUTHEAST CORNER WAS IN THE BEST CONDITION OF THE TWO, SO IT WAS HELD TO POSITION THE QUARRY TRACT IN THE NORTH-SOUTH DIRECTION. THE MONUMENTS APPEAR TO BE SET UNDER THE PRETENSE THAT COUNTY ROAD NO. 731 WAS AT A WIDTH OF 40.00 FEET. ODOT DRAWING IR-2-1758 SHOWS THIS PORTION OF COUNTY ROAD 731 AT A WIDTH OF 40.00 FEET, 20.00 FEET ON EITHER SIDE OF CENTER LINE. COUNTY ROAD ESTABLISHMENT DOCUMENTS CLEARLY STATE A RECORD WIDTH OF 50.00 FEET FOR THIS PORTION OF GERKING FLAT ROAD, WHICH WAS HELD FOR THIS SURVEY.

TO DETERMINE THE SOUTH LINE OF SECTION 22 REQUIRED A BREAK DOWN OF SECTION 22. A FENCE POST WAS FOUND AT THE NORTHEAST AND SOUTHEAST CORNERS OF SAID SECTION 22. REFERENCE MONUMENTS WERE FOUND AND HELD TO DETERMINE THE LOCATION OF THE WEST QUARTER, NORTHWEST CORNER, AND THE SOUTHWEST CORNERS TO SECTION 21, T.4N., R.34E., W.M. AN 8" DIAMETER CONCRETE POST WAS FOUND MARKING THE SECTION CORNER COMMON TO SECTIONS 9, 10, 15 & 16 AND THE SOUTHWEST CORNER OF SECTION 34 WAS CALCULATED BY HOLDING BEARINGS AND DISTANCES FROM MONUMENTS FOUND ON RECORD OF SURVEY NO. 0-1122-C. USING THESE FOUND MONUMENTS I WAS ABLE TO USE DOUBLE PROPORTION TO ESTABLISH POSITIONS ON THE NORTHWEST AND SOUTHWEST CORNERS OF SAID SECTION 22.

REFERENCES

- R1. GLO CONTRACT NO. 114, SURVEYED BY W.H. ODELL, AUG. 6, 1866
- R2. COUNTY ROAD NO 731 (OLD COUNTY ROAD 42-A) ESTABLISHMENT DOCUMENTS SURVEYED MAY 1876
- R3. SURVEY NO. 73A BY JOHN W. KIMBRELL, APRIL 1895
- R4. ODOT DRAWING NO. 6B-16-19 BY THE OREGON STATE HIGHWAY DEPARTMENT, DATED SETEMBER 1945
- R5. ODOT DRAWING NO. IR-2-1758 BY THE OREGON STATE HIGHWAY DEPARTMENT, DATED JULY 1947
- R6. COUNTY SURVEY NO. 0-1122-C BY WAYNE O. HARRIS, FILED JUNE 8, 1979
- R7. PARTITION PLAT NO. 1991-11 BY WILLIAM R. WELLS FILED AUG. 28, 1991
- R8. CERTIFIED RECORD OF LAND CORNER MONUMENTATION NO. N15-91-079-R BY WILLIAM R. WELLS, DATED OCT. 1991
- R9. COUNTY SURVEY NO. 01-73-B BY THOMAS S. FROST, FILED MAY 24, 2001
- R10. CERTIFIED RECORD OF LAND CORNER MONUMENTATION NO. N9-01-73-B BY THOMAS S. FROST, DATE UNKNOWN
- R11. CERTIFIED RECORD OF LAND CORNER MONUMENTATION NO. P9-01-73-B BY THOMAS S. FROST, DATE UNKNOWN
- R12. CERTIFIED RECORD OF LAND CORNER MONUMENTATION NO. R9-01-73-B BY THOMAS S. FROST, DATE UNKNOWN
- R13. PARTITION PLAT NO. 2013-02 BY GREG E. FLOWERS FILED MARCH 8, 2013
- R14. WARRANTY DEED, BOOK 253, PAGE 675, UMATILLA COUNTY DEED RECORDS
- R15. WARRANTY DEED, BOOK 185, PAGE 403, UMATILLA COUNTY DEED RECORDS

LEGEND	
●	SET MONUMENT AS NOTED IN MONUMENT LIST ON SHEET 2
○	FOUND MONUMENT
□	CALCULATED POINT AS NOTED IN TABLE ON SHEET 2
()	RECORD DATA PER REFERENCE LIST
—	EXISTING RIGHT-OF-WAY
—	STATE OF OREGON PROPERTY BOUNDARY
—x—	FENCE
---	EDGE OF PAVEMENT
----	EDGE OF GRAVEL

SHEET INDEX

1. SHEET INDEX, CONTROL NARRATIVE AND BASIS OF BEARING, SURVEY NARRATIVE, RECOVERED MONUMENT TABLE, AND REFERENCES.
2. BOUNDARY SURVEY & SET/CALCULATED MONUMENT LIST

RECOVERED MONUMENT LIST

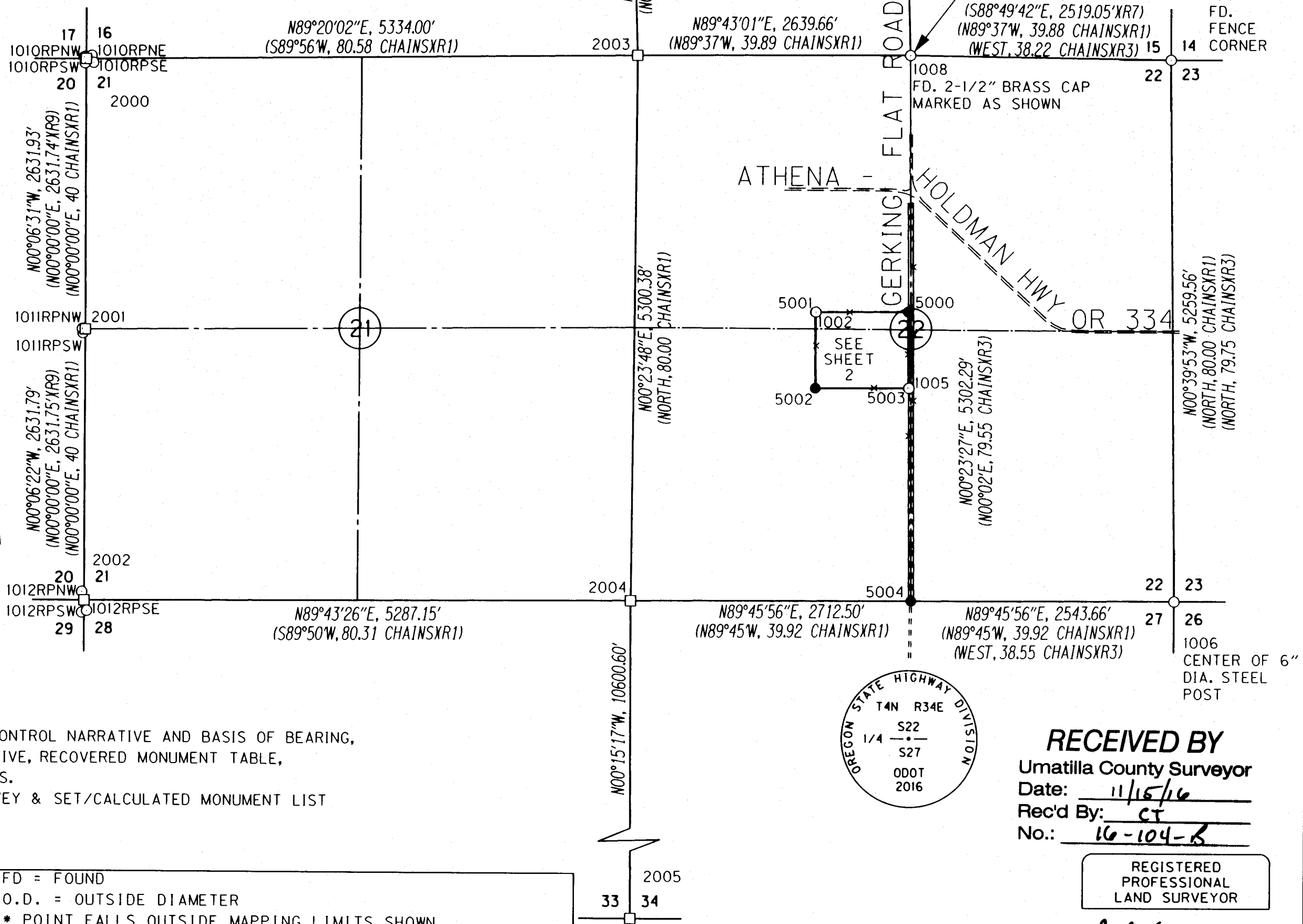
PT ID	NORTHING	EASTING	DATE	DESCRIPTION & REFERENCE DOCUMENTS
1002	205709.67	353394.68	8/3/2016	FD 5/8" IRON ROD, BENT, SPUN FOR POSITION, UNKNOWN ORIGIN
1005	204975.42	354298.86	8/3/2016	FD 5/8" IRON ROD, BENT, SPUN FOR POSITION, UNKNOWN ORIGIN
1006	202921.67	356876.01	8/24/2016	FD 6" O.D. STEEL POST, 5.5' IN HEIGHT, IN FIELD CORNER, HELD CENTER OF POST FOR SOUTHEAST COR. OF SECTION 22
1007	208180.87	356814.99	8/24/2016	FD ESTABLISHED FENCE CORNER, HELD FOR NORTHEAST CORNER OF SECTION 22
1008	208213.44	354296.20	8/3/2016	FD 2-1/2" BRASS CAP MARKED AS SHOWN ON THIS SHEET, DOWN 8", PARTITION PLAT NO. 1991-11
1009	213501.11	351504.34	8/24/2016	FD 8" O.D. CONCRETE POST, HELD FOR NORTHWEST CORNER OF SECTION 15, (PP 2013-02 STATES 5/8" IRON ROD W/YPC)
1010RPNW	208157.11	346303.91	8/25/2016	FD 5/8" IRON ROD WITH RED PLASTIC CAP MARKED "PLS 54871", FLUSH, COUNTY REMONUMENTATION RECORD N9-01-73-B
1010RPSW	208098.05	346311.43	8/25/2016	FD 5/8" IRON ROD WITH RED PLASTIC CAP MARKED "PLS 54871", UP 8", COUNTY REMONUMENTATION RECORD N9-01-73-B
1010RPSE	208101.66	346394.01	8/25/2016	FD 5/8" IRON ROD WITH RED PLASTIC CAP MARKED "PLS 54871", FLUSH, COUNTY REMONUMENTATION RECORD N9-01-73-B
1010RPNE	208173.11	346377.30	8/25/2016	FD 5/8" IRON ROD WITH RED PLASTIC CAP MARKED "PLS 54871", UP 5", COUNTY REMONUMENTATION RECORD N9-01-73-B
1011RPNW	205512.65	346298.99	8/25/2016	FD 5/8" IRON ROD WITH RED PLASTIC CAP MARKED "PLS 54871", COUNTY REMONUMENTATION RECORD P9-01-73-B
1011RPSW	205470.11	346304.96	8/25/2016	FD 5/8" IRON ROD WITH RED PLASTIC CAP MARKED "PLS 54871", COUNTY REMONUMENTATION RECORD P9-01-73-B
1012RPNW	202958.37	346309.66	8/25/2016	FD 5/8" IRON ROD WITH RED PLASTIC CAP MARKED "PLS 54871", UP 4", COUNTY REMONUMENTATION RECORD R9-01-73-B
1012RPSW	202758.05	346310.56	8/25/2016	FD 5/8" IRON ROD WITH RED PLASTIC CAP MARKED "PLS 54871", FLUSH, COUNTY REMONUMENTATION RECORD R9-01-73-B
1012RPSE	202774.65	346357.93	8/25/2016	FD 5/8" IRON ROD WITH RED PLASTIC CAP MARKED "PLS 54871", DOWN 6", COUNTY REMONUMENTATION RECORD R9-01-73-B
*1014	186956.84	351687.53	8/25/2016	FD 2-1/2" BRASS DISK, NO MARKINGS, DOWN 1", SE COR. OF SEC. 4, T3N, R34E, WM, FD ON COUNTY SURVEY 0-1122-C
*1015	189590.14	350908.24	8/25/2016	FD 1" INSIDE DIAMETER IRON PIPE, COUNTY SURVEY NO. 0-1122-C
1019	213563.85	354158.86	9/12/2016	FD 2-1/2" BRASS CAP MARKED AS SHOWN ON THIS SHEET, PARTITION PLAT NO. 1991-11

SECTION 21 T4N R34E WM
SECTION 22 T4N R34E WM

CONTROL NARRATIVE

PRIMARY CONTROL WAS ESTABLISHED ON THIS PROJECT BY USING GPS AND THE OREGON REALTIME GPS NETWORK (ORGN) TO ESTABLISH POSITIONS ON THE FOUND MONUMENTS SHOWN ON THIS SURVEY. THE HORIZONTAL DATUM USED ON THIS SURVEY IS THE OREGON COORDINATE REFERENCE SYSTEM (OCRS) PENDLETON ZONE, NAD 83(2011) EPOCH 2010.

THE BASIS OF BEARING FOR THIS SURVEY IS BASED UPON GPS OBSERVATIONS BETWEEN POINTS 1008 AND 1019 WHICH RESULTED IN A BEARING AND DISTANCE OF N1°28'13"W, 5352.17'.



1009
FD. 8" DIA
CONCRETE POST
PP 2013-02 STATES
5/8" IRON ROD W/YPC
SEARCHED FOR IRON ROD
BUT DID NOT FIND.

1019
S1/4 SEC. 10
FD 2-1/2" BRASS
CAP MARKED AS
SHOWN

RECEIVED BY
Umatilla County Surveyor
Date: 11/15/16
Rec'd By: CT
No.: 16-104-B

REGISTERED
PROFESSIONAL
LAND SURVEYOR

OREGON
JANUARY 14, 2003
BRET N. ELITHORP
63148
EXPIRES: DEC. 31, 2017

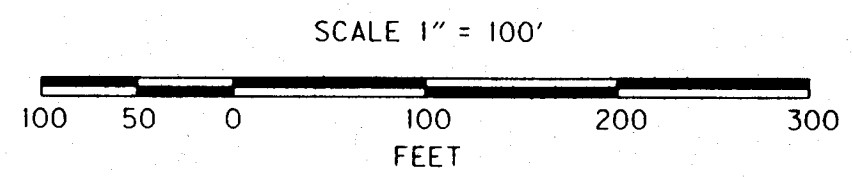
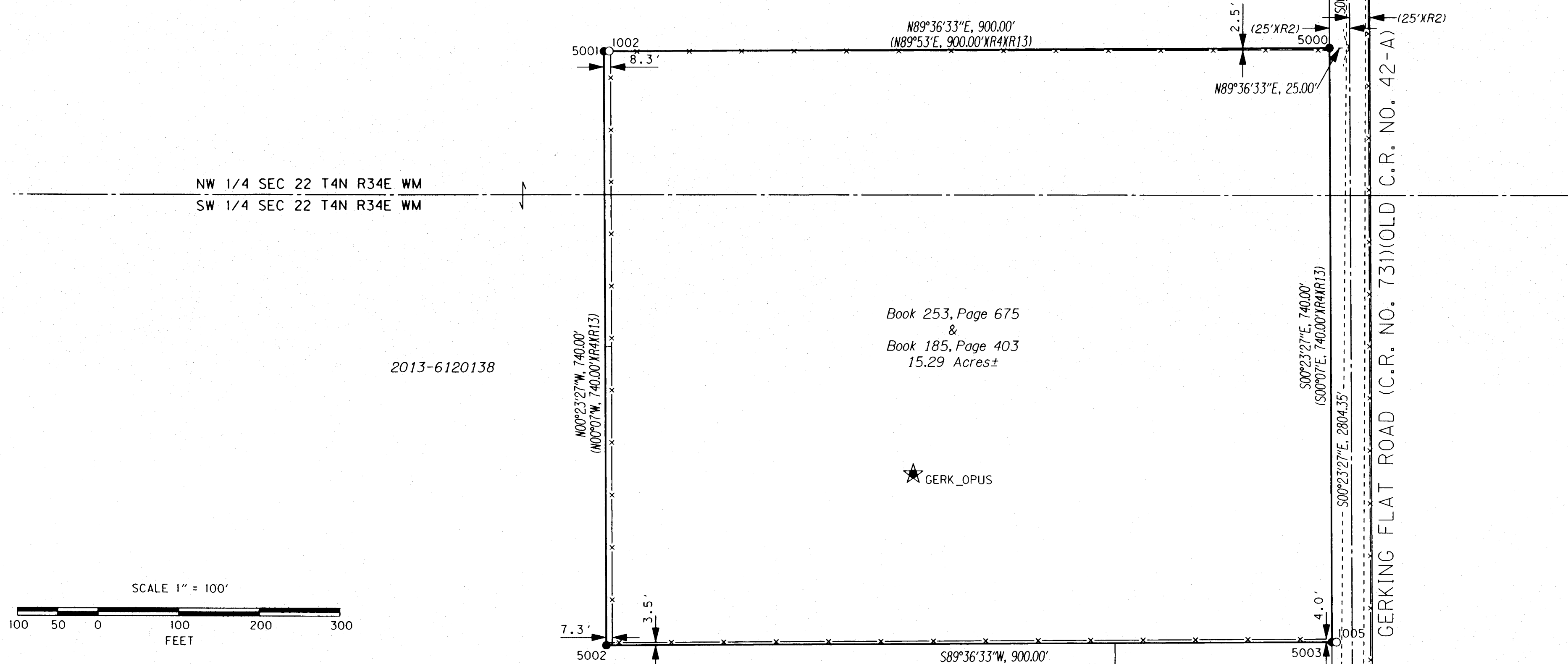
OREGON DEPARTMENT OF TRANSPORTATION
BOUNDARY SURVEY
GERKING FLAT QUARRY
GERKING FLAT ROAD (COUNTY ROAD NO. 731)
UMATILLA COUNTY

FOR ODOT REGION 5
3012 ISLAND AVENUE
LA GRANDE, OR 97850

NOVEMBER 14, 2016
NO SCALE
SHEET 1 OF 2

NE 1/4 SECTION 22 T4N R34E WM
 SE 1/4 SECTION 22 T4N R34E WM
 NW 1/4 SECTION 22 T4N R34E WM
 SW 1/4 SECTION 22 T4N R34E WM

T4N R34E
 S15
 1/4
 S22
 1991
 PLS 1106



LEGEND	
●	SET MONUMENT
○	FOUND MONUMENT
□	CALCULATED POINT
()	RECORD DATA PER REFERENCE LIST ON SHEET 1
—	EXISTING RIGHT-OF-WAY
—	STATE OF OREGON PROPERTY BOUNDARY
—x—	FENCE
- - - -	EDGE OF GRAVEL
★	SET GPS CONTROL STATION

SET/CALCULATED MONUMENT LIST				
PT. NO.	NORTHING	EASTING	DATE	DESCRIPTION
2000	208138.39	346322.94	N/A	CALCULATED POINT FROM REFERENCE POINTS - NOTHING FOUND OR SET
2001	205506.46	346327.93	N/A	CALCULATED POINT FROM REFERENCE POINTS - NOTHING FOUND OR SET
2002	202874.67	346332.80	N/A	CALCULATED POINT FROM REFERENCE POINTS - NOTHING FOUND OR SET
2003	208200.40	351656.58	N/A	CALCULATED POINT - NOTHING FOUND OR SET
2004	202900.15	351619.89	N/A	CALCULATED POINT - NOTHING FOUND OR SET
2005	192299.65	351666.99	N/A	CALCULATED POINT - NOTHING FOUND OR SET
5000	205715.37	354288.24	10/17/2016	SET 5/8"X30" IRON ROD WITH 1-1/2" ALUMINUM CAP, MARKED "ODOT"
5001	205709.23	353388.26	10/17/2016	SET 5/8"X30" IRON ROD WITH 1-1/2" ALUMINUM CAP, MARKED "ODOT"
5002	204969.24	353393.31	10/17/2016	SET 5/8"X30" IRON ROD WITH 1-1/2" ALUMINUM CAP, MARKED "ODOT"
5003	204975.38	354293.29	10/17/2016	SET 5/8"X30" IRON ROD WITH 1-1/2" ALUMINUM CAP, MARKED "ODOT"
5004	202911.26	354332.37	10/18/2016	SET 5/8"X30" IRON ROD WITH 3-1/4" ALUMINUM CAP, MARKED AS SHOWN ON SHEET 1
GERK_OPUS	205183.15	353773.29	8/03/2016	SET 12" NAIL

RECEIVED BY
 Umatilla County Surveyor
 Date: 11/15/16
 Rec'd By: CT
 No.: 16-104-8

REGISTERED PROFESSIONAL LAND SURVEYOR
BSC
 OREGON
 JANUARY 14, 2003
 BRET N. ELITHORP
 63148
 EXPIRES: DEC. 31, 2017

OREGON DEPARTMENT OF TRANSPORTATION
 BOUNDARY SURVEY
 GERKING FLAT QUARRY
 GERKING FLAT ROAD (COUNTY ROAD NO. 731)
 UMATILLA COUNTY

FOR ODOT REGION 5
 3012 ISLAND AVENUE
 LA GRANDE, OR 97850

NOVEMBER 14, 2016
 SCALE 1" = 100'
 SHEET 2 OF 2